

FIG E1. Algorithm for screening for the presence of cockroaches. This is an iterative process. Exposure and associated risk factors can vary over time.

■■■ 2013

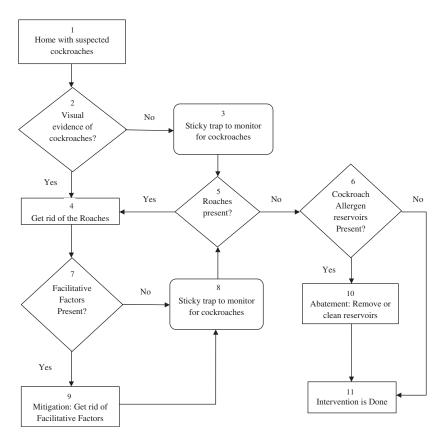


FIG E2. Environmental assessment algorithm. This is an iterative process. Exposure and associated risk factors can vary over time.

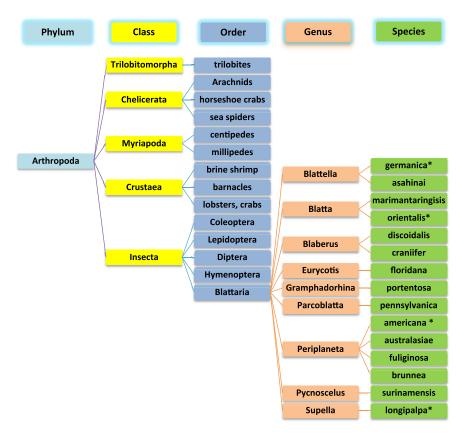


FIG E3. Taxonomy of cockroaches. *Significant indoor allergens.

TABLE E1. Techniques for cockroach allergen reduction

Block means of ingress

- Caulk and seal cracks and holes on the building's exterior
- Install door sweeps and weatherproofing seals on exterior doors and garage doors
- Screen and weatherproof windows and attic vents
- Remove excess vegetation and prune branches that touch the building

Withhold sources of food and water

- Properly store food in sealed containers
- Maintain regular cleaning schedules
- · Regularly dispose of garbage
- Promptly repair water leaks
- Place stoppers in all drains and promptly wipe up spills

Eliminate shelter

- Move firewood, lumber, and trash cans away from the building
- Keep basements and crawl spaces free of clutter
- Keep gutters clean and well maintained

Eliminate contaminant sources

- Use sticky traps to monitor and trap cockroaches
- Judiciously use insecticides

Reservoirs

- Use HEPA vacuuming to remove cockroach contaminants
- Use mattress covers
- Remove contaminated materials

Public policy

- Legal housing codes (development and enforcement)
- City housing and environmental commissions
- Neighborhood housing coalitions

Adapted in part from Sheehan et al.78